



MPM Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Issue date: 8-5-2012 Revision date: 31-7-2019 Supersedes: 13-8-2014 version: 2.12

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : MPM Hand Cleaner Plus Yellow
Product code : 10200

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Function or use category : Cosmetics

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer

MPM International Oil Company
Cyclotronweg 1
2629 HN Delft - Nederland
T +31 (0)15 2514030
pvhoorn@mpmoil.com - www.mpmoil.com

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] [Show CLP information + DPD classification in section 2.1](#)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Demineralised water	CAS-No.: 7732-18-5 EC-No.: 231-791-2	≥ 50	Not classified
Hydrocarbons, C11-C14, n-alkanes, cyclic, <2% aromates	EC-No.: 926-141-6 REACH-no: 01-2119456620-43	< 100	Asp. Tox. 1, H304
Tall Oil Acid	CAS-No.: 61790-12-3 EC Index-No.: 263-107-3	< 100	Not classified
C12-14 ETHOXYLATED/PROPOXYLATED ALCOHOLS	CAS-No.: 68439-50-9	< 100	Not classified
Alcoholen, C9-11, Geëthoxyleerd	CAS-No.: 68439-46-3	< 100	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Glass	CAS-No.: 60676-86-0 EC Index-No.: 262-373-8	< 100	Not classified
POTASSIUM TALLATE	CAS-No.: 61790-44-1 EC Index-No.: 263-136-1	< 100	Not classified
dipentene; limonene (Note C)	CAS-No.: 138-86-3 EC-No.: 205-341-0 EC Index-No.: 601-029-00-7	< 100	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cristobalite	CAS-No.: 14464-46-1 EC Index-No.: 238-455-4	< 100	STOT RE 1, H372
Neuburger Silieous Earth	CAS-No.: 1020665-14-8 EC Index-No.: 310-127-6	< 100	Not classified
Aloe Barbadensis Leaf Juice Powder	CAS-No.: 94349-62-9	< 100	Not classified
Citrus Aurantium Dulcis Peel Extract	CAS-No.: 8028-48-6 EC Index-No.: 232-433-8	< 100	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
PEG-4 RAPESEEDAMIDE	CAS-No.: 85536-23-8	< 100	Not classified
3-iodo-2-propynyl butylcarbamate	CAS-No.: 55406-53-6 EC-No.: 259-627-5	< 100	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400
2,6-di-tert-butyl-p-cresol	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119555270-46	< 100	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Tartrazine	CAS-No.: 1934-21-0 EC Index-No.: 217-699-5	< 100	Resp. Sens. 1, H334 Skin Sens. 1, H317
2-Bromo-2-nitro-1,3-propanediol	CAS-No.: 52-51-7 EC Index-No.: 200-143-0	< 100	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Titanium dioxide	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 236-675-5 REACH-no: 01-2119489379-17	< 100	Carc. 2, H351
Sodium Chloride	CAS-No.: 7647-14-5 EC Index-No.: 231-598-3	< 100	Not classified
TRIETHANOLAMINE	CAS-No.: 102-71-6 EC Index-No.: 203-049-8	< 100	Not classified
Glycerine	CAS-No.: 56-81-5 EC Index-No.: 200-289-5	< 100	Not classified
Simmondsia chinensis seed oil	CAS-No.: 90045-98-0 EC Index-No.: 289-964-3	< 100	Not classified
Hexyl Cinnamal Aldehyde	CAS-No.: 101-86-0 EC Index-No.: 202-983-3	< 100	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
After skin contact	: Change contaminated clothing. Take off contaminated clothing and wash it before reuse.
After eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes.
After ingestion	: Do NOT induce vomiting. Get immediate medical advice/attention. If the person is fully conscious, make him/her drink plenty of water. Never give an unconscious person anything to drink.

4.2. Most important symptoms and effects, both acute and delayed

After inhalation	: Not expected to present a significant hazard under anticipated conditions of normal use.
After skin contact	: Not expected to present a significant hazard under anticipated conditions of normal use.
After eye contact	: May cause eye irritation.
After ingestion	: May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

No additional information available.

5.3. Advice for firefighters

Other information : Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

No additional information available.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Absorb remaining liquid in sand or inert absorbent and remove to safe place.

6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Special rules on packaging : Keep only in original container.

Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

2,6-di-tert-butyl-p-cresol (128-37-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOELV TWA (mg/m ³)	10 mg/m ³
Ireland - Occupational Exposure Limits	
Local name	2,6-Ditertiary-butyl-para-cresol [Butylated hydroxytoluene (BHT)]
OEL (8 hours ref) (mg/m ³)	2 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m ³)	10 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

Additional information : To date, no national limit values exist.

8.1.5. Control banding

No additional information available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available.

8.2.2.2. Skin protection

No additional information available.

8.2.2.3. Respiratory protection

No additional information available.

8.2.2.4. Thermal hazards

No additional information available.

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8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: gel.
Colour	: Yellow.
Odour	: Pleasant (perfume).
Odour threshold	: No data available.
pH	: 9
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: 40 °C
Freezing point	: No data available.
Boiling point	: > 100 °C
Flash point	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: No data available.
Vapour pressure	: No data available.
Relative vapour density at 20°C	: No data available.
Relative density	: No data available.
Density	: 940 kg/m ³
Solubility	: No data available.
Log Pow	: < 3
Viscosity, kinematic	: 1063829,787 mm ² /s
Viscosity, dynamic	: 1000000 mPa·s
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available.

9.2. Other information

VOC content	: 175 g/l
Additional information	: None

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Strong oxidizing agent.

10.6. Hazardous decomposition products

No additional information available.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Hydrocarbons, C11-C14, n-alkanes, cyclic, <2% aromates

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 5000 mg/m ³

Tall Oil Acid (61790-12-3)

LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Alcoholen, C9-11, Geëthoxyleerd (68439-46-3)

ATE CLP (oral)	500 mg/kg
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Demineralsed water (7732-18-5)

LD50 oral rat	> 90000 g/kg
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3-iodo-2-propynyl butylcarbamate (55406-53-6)

ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1,5 mg/l/4h

2,6-di-tert-butyl-p-cresol (128-37-0)

LD50 oral rat	890 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight OECD 402

2-Bromo-2-nitro-1,3-propanediol (52-51-7)

LD50 oral rat	305 mg/kg
LD50 dermal rat	1600 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0,588 mg/l/4h
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight

Titanium dioxide (13463-67-7)

LD50 oral rat	> 10000 mg/kg OECD Guideline 425
LD50 dermal rat	10000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l

TRIETHANOLAMINE (102-71-6)

LD50 oral rat	5530 mg/kg
LD50 oral	2200 mg/kg Rabbit
LD50 dermal rabbit	> 22,5 g/kg

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Glycerine (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	10000 mg/kg
Skin corrosion/irritation	: Not classified pH: 9
Additional information	: Not irritating
Serious eye damage/irritation	: Not classified pH: 9
Additional information	: Not irritating
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
2,6-di-tert-butyl-p-cresol (128-37-0)	
NOAEL (chronic, oral, animal/male, 2 years)	25 mg/kg bodyweight
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
3-iodo-2-propynyl butylcarbamate (55406-53-6)	
STOT-single exposure	May cause respiratory irritation.
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Cristobalite (14464-46-1)	
STOT-repeated exposure	Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation).
2,6-di-tert-butyl-p-cresol (128-37-0)	
LOAEL (oral, rat, 90 days)	100 mg/kg bodyweight
NOAEL (oral, rat, 90 days)	25 mg/kg bodyweight
Aspiration hazard	: Not classified
MPM Hand Cleaner Plus Yellow	
Viscosity, kinematic	1063829,787 mm ² /s

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Tall Oil Acid (61790-12-3)	
EC50 Daphnia 1	1000 mg/l 96 hr zebra fish
EC50 72h - Algae [1]	855 mg/l 72 hr nitzchia closterium
2,6-di-tert-butyl-p-cresol (128-37-0)	
LC50 fish 1	0,199 mg/l
EC50 Daphnia 1	0,48 mg/l Daphnia magna
EC50 72h - Algae [1]	> 0,4 mg/l Desmodesmus subspicatus

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2,6-di-tert-butyl-p-cresol (128-37-0)	
LOEC (chronic)	1 mg/l Daphnia magna @21d
NOEC (chronic)	0,023 mg/l Daphnia magna @21d
NOEC chronic fish	0,053 mg/l Oryzias latipes @42d
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
LC50 fish 1	41,2 mg/l Oncorhynchus mykiss 96 h
LC50 fish 2	35,7 mg/l Lepomis macrochirus 96 h
EC50 Daphnia 1	1,6 mg/l Daphnia magna 48 h
Titanium dioxide (13463-67-7)	
LC50 other aquatic organisms 1	> 10000 (Cyprinodon variegatus) OECD 203
TRIETHANOLAMINE (102-71-6)	
LC50 fish 1	450 – 1000 mg/l Lepomis macrochirus (Bluegill)
EC50 Daphnia 1	609,98 mg/l Daphnia

12.2. Persistence and degradability

MPM Hand Cleaner Plus Yellow	
Persistence and degradability	Biodegradation.
Tall Oil Acid (61790-12-3)	
Biodegradation	74 (≤ 0) % 28 days STURM OECD 301B
2,6-di-tert-butyl-p-cresol (128-37-0)	
Biodegradation	4,5 % @28d

12.3. Bioaccumulative potential

MPM Hand Cleaner Plus Yellow	
Log Pow	< 3
Bioaccumulative potential	Not established.
Tall Oil Acid (61790-12-3)	
Log Kow	7,6 at 30 C
Bioaccumulative potential	Bioaccumulative potential.
2,6-di-tert-butyl-p-cresol (128-37-0)	
Log Pow	5,1

12.4. Mobility in soil

MPM Hand Cleaner Plus Yellow	
Soil	No information available.
Tall Oil Acid (61790-12-3)	
Surface tension	64 air mN/m at 22 C

12.5. Results of PBT and vPvB assessment

No additional information available.

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12.6. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG

14.1. UN number

UN-No. : Not applicable
UN-No. (IMDG) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport
No data available.

Transport by sea
No data available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
Contains no substance(s) listed on the REACH Candidate List
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

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Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

VOC content : 175 g/l

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Full text of H- and EUH-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A

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Full text of H- and EUH-statements

Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.